Utility Vehicle
2200

Bobcat®

Operation & Maintenance Manual

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S/N 235211001 - 235212052 (Gasoline)



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ACCELERATOR PEDAL

The accelerator pedal (1) is the pedal on the right **(Figure 6)**.

With the engine running and the Forward/Reverse handle in the FORWARD or REVERSE position, vehicle speed will increase as the accelerator pedal is pressed. When the accelerator pedal is released, it will return to the original position and the engine will idle. **See WARNING and CAUTION on page 13.**

BRAKE PEDAL

The brake pedal (2) is located to the immediate left of the accelerator pedal **(Figure 6)**. To slow or stop the vehicle, press the brake pedal.

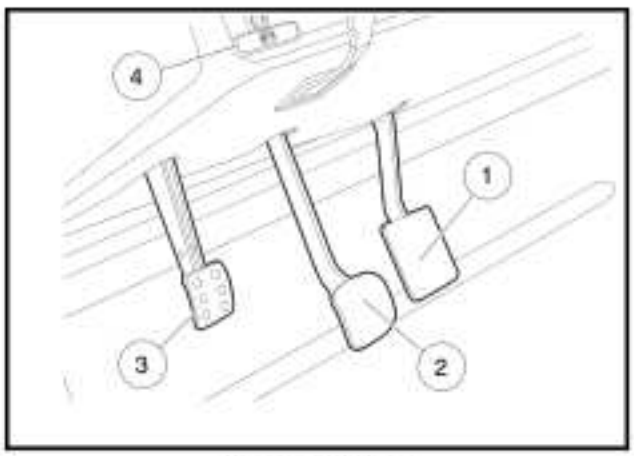


Figure 6 Pedals

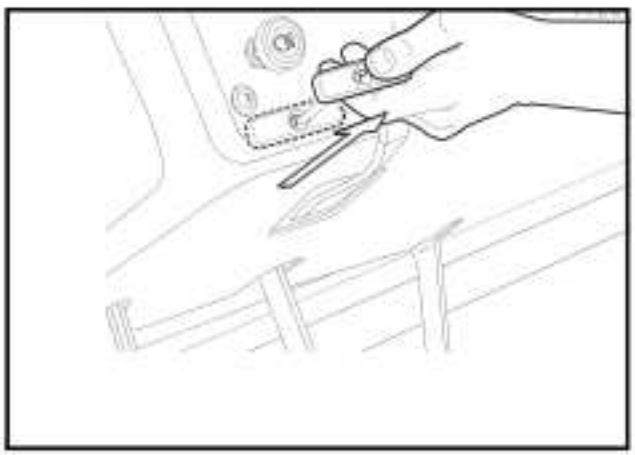


Figure 7 Park Brake Release

PARK BRAKE

The park brake pedal (3) is located to the left of the brake pedal **(Figure 6)**. To engage the park brake, first apply pressure to the brake pedal, then firmly press the park brake pedal until it latches into place. To disengage, pull the park brake release handle **(Figure 7)**. **See following WARNING.**

⚠ WARNING

- **The park brake has multiple locking positions and should be firmly locked to prevent the vehicle from rolling.**

LOW OIL WARNING LIGHT

The low oil warning light (8) is located on the instrument panel just to the left of the steering column **(Figure 4 or Figure 5)**. If the warning light comes on, oil should be checked and added to the engine as necessary before continuing to use the vehicle. The vehicle should never be driven when the low oil warning light remains on. If the warning light goes on and off, the vehicle may be driven, but oil should be added at the first opportunity. If the oil level is correct and the warning light stays on, have a trained technician check the vehicle. **See following CAUTION.**

CAUTION

- **Failure to add oil immediately when the low oil warning light stays on may result in permanent engine damage.**

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PERIODIC LUBRICATION SCHEDULE

PERIODIC LUBRICATION SCHEDULE

REGULAR INTERVAL	SERVICE	LUBRICATION POINTS	RECOMMENDED LUBRICANT
Gasoline vehicle: First change 20 hours – Diesel vehicle: First change 50 hours – additional change for both every 100 hours of operation or annually, whichever comes first.	Change engine oil and oil filter	1	**Gasoline vehicles:** 1 qt.-25 oz. (1.7 L) with filter **Diesel vehicles:** 3 qt. (2.8 L) with filter **See Oil Viscosity on page 39.**
Monthly by owner or trained technician	Driveshaft	2	Chassis Lube (EP NLGI Grade 2)
Semiannually by owner or trained technician (every 50 hours of operation)	Check/add brake fluid	3	Use only DOT 5 (silicone) brake fluid
	Rear suspension (2 fittings)	4	Chassis Lube (EP NLGI Grade 2)
First change 50 hours – additional change every 100 hours of operation or annually, whichever comes first	Change front differential lubricant	5	5 oz. (150 mL) Bobcat Trans/Differential Fluid (P/N 6687120)
First change 50 hours – additional change every 300 hours of operation or annually, whichever comes first	Change rear differential lubricant	6	20 oz. (600 mL) Bobcat Trans/ Differential Fluid (P/N 6687120)
	Change transmission lubricant	7	20 oz. (600 mL) Bobcat Trans/ Differential Fluid (P/N 6687120)

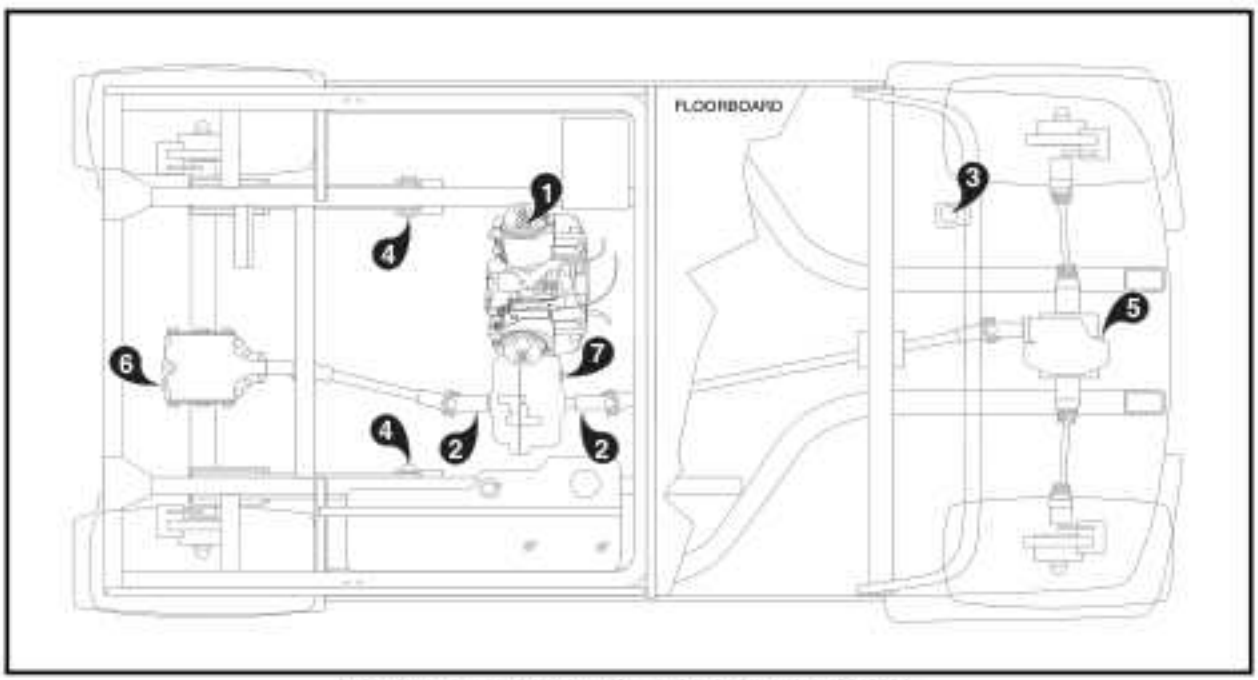


Figure 15 Lubrication Points – Gasoline Vehicles

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SPECIFICATIONS	GASOLINE VEHICLES	DIESEL VEHICLES
DIMENSIONS/WEIGHT		
Overall length (box bed configuration)	124.6 in. (317 cm)	
Overall width	57.8 in. (147 cm)	
Overall height (with cab frame)	77.6 in. (197 cm)	
Wheelbase	81 in. (206 cm)	
Ground clearance: under differential under floorboard	6.4 in. (16 cm) 11.1 in. (28 cm)	
Front wheel tread	42.3 in. (107 cm)	
Rear wheel tread	48.8 in. (124 cm)	
Weight (with all-terrain tires)	1410 lb. (639.6 kg)	1551 lb. (703.5 kg)
Forward speed	25 mph (40 km/h)	
Governed RPM	3825	3825
Turning radius (per SAE J 696)	141 in. (358 cm)	
Load bed height	33 in. (84 cm)	
Load bed size (box bed inside dimensions)	48.0 x 49.8 x 10.9 in. (122 x 127 x 28 cm) (15.3 cubic feet)	
Maximum payload capacity (level surface only)	800 lb. (363 kg) High capacity option: 1050 lb. (476 kg)	
Vehicle rated capacity (payload, driver, and passenger; level surface only)	1200 lb. (544 kg) High capacity option: 1450 lb (658 kg)	
Maximum gross vehicle weight (fully loaded vehicle, including accessories)	2750 lb. (1247 kg) High capacity option: 3012 lb. (1366 kg)	
Standard seating capacity	2	
LIQUID CAPACITIES		
Engine crankcase with filter: SAE 10W-30, API classification SJ	1 qt.-25 oz. (1.7 L)	
Engine crankcase with filter: SAE 10W-30, API classification CF		3 qt. (2.8 L)
Front differential: Bobcat Trans/Differential Fluid (P/N 6687120)	5 oz. (150 mL)	
Rear differential: Bobcat Trans/Differential Fluid (P/N 6687120)	20 oz. (600 mL)	
Transmission: Bobcat Trans/Differential Fluid (P/N 6687120)	20 oz. (600 mL)	
Engine coolant: mixture of 55% propylene glycol and 45% water	n/a	2 gal. (7.8 L)
Brake fluid: DOT 5 (silicone) brake fluid	8 oz. (240 ml)	
Fuel tank: unleaded gasoline	6.5 gallons (24.6 L)	
Fuel tank: diesel grade no.2 with cetane rating of 45 or higher		6.5 gallons (24.6 L)
TIRE PRESSURE		
All-terrain tread and mud tires	20 - 22 psi (1.38 - 1.52 Bars)	

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FUELING INSTRUCTIONS

See General Warnings on page 10.

⚠ DANGER

- **Turn key switch to the OFF position before fueling.**
- **Never pour fuel into the fuel tank when the engine is hot or while it is running.**
- **To avoid electric arc caused by static electricity, the fuel storage/pumping device must be grounded. If the pump is not grounded, the vehicle must be grounded to the pump before and during the fueling operation.**
- **To avoid the possibility of fire, clean up any spilled fuel before operating the vehicle.**

1. Remove the fuel cap and fill the tank with fuel. Gasoline vehicles have a black fuel cap; diesel vehicles have a green fuel cap. **See preceding DANGER and following NOTE.**

NOTE: ***Gasoline vehicles:*** *Use unleaded gasoline only. Whenever possible, avoid using oxygenated fuels and fuels that are blended with alcohol.*

Diesel vehicles*: Use only diesel fuel grade no. 2 with a cetane rating of 45 or higher.*

2. Replace the fuel cap. Ensure that the cap is tightened securely.
3. Clean any spilled fuel from the cap or around the fuel cap area.

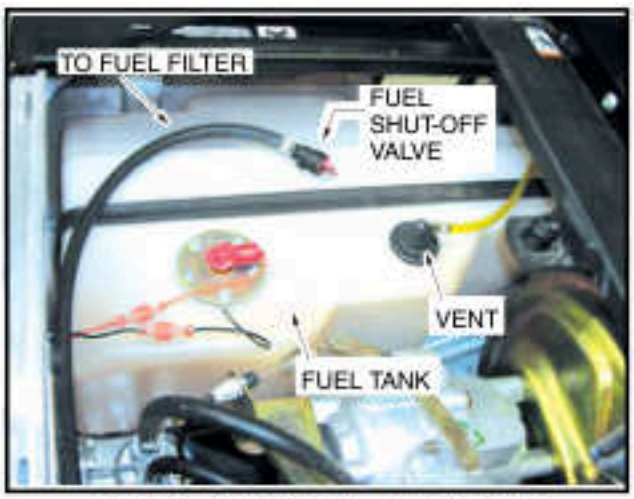


Figure 34 Fuel Tank – Gasoline Vehicles

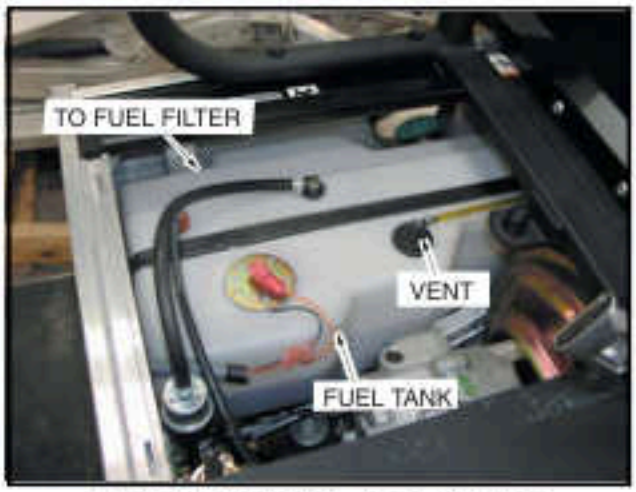


Figure 35 Fuel Tank – Diesel Vehicles

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